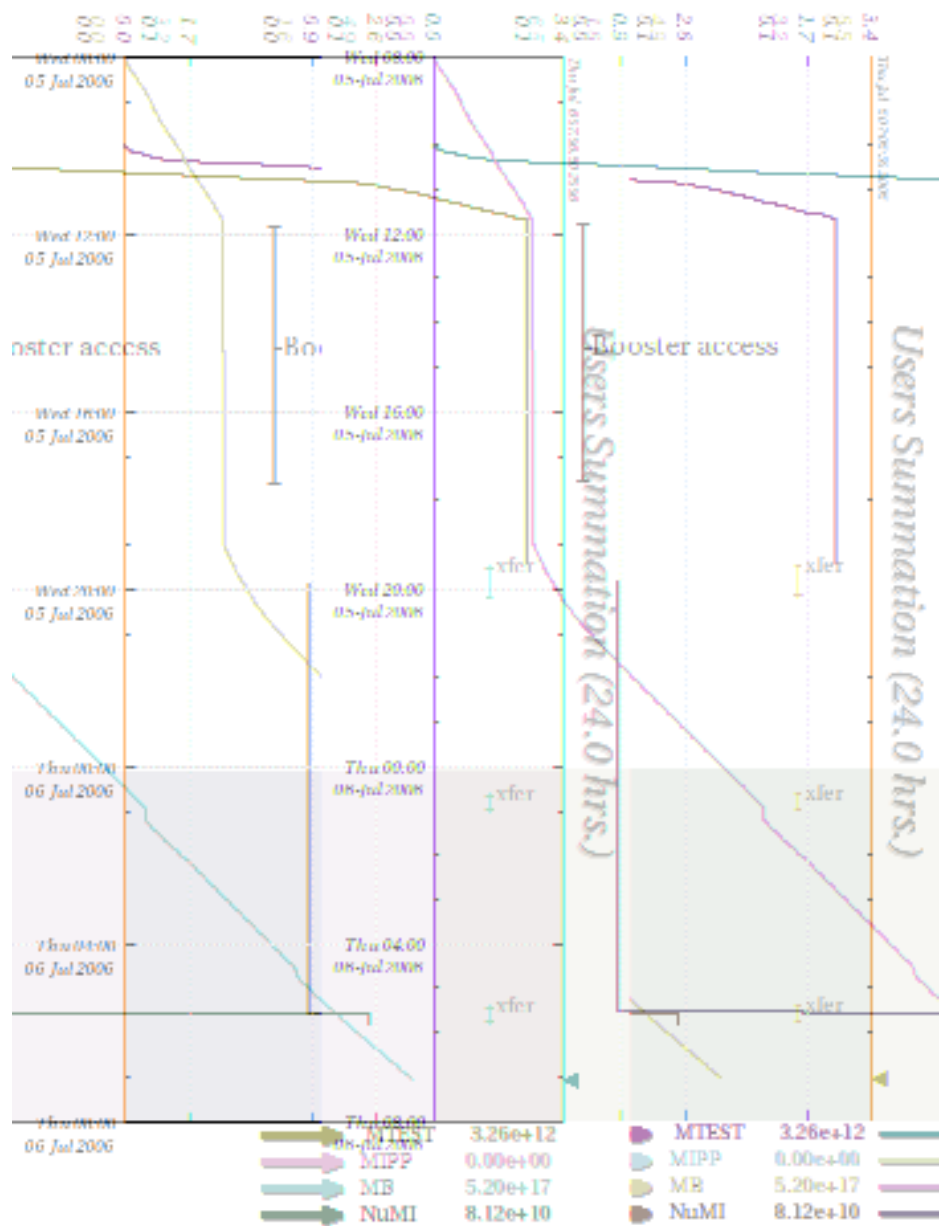
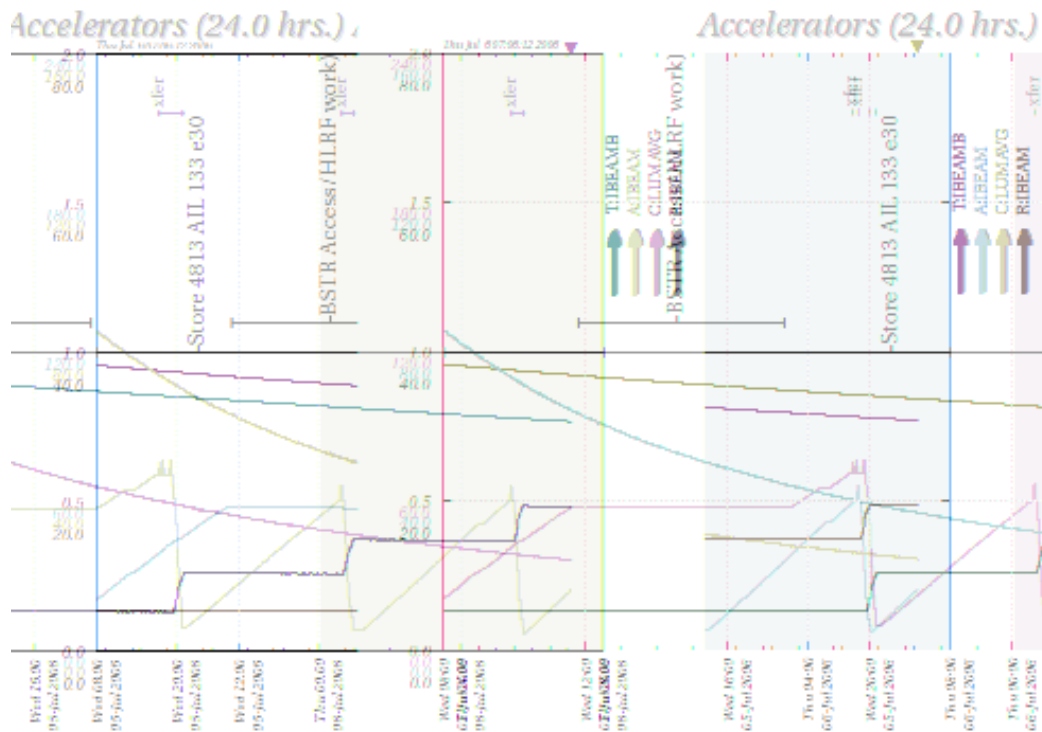


- Crew Chief Summary:





- Linac TPR (Timing Pulse Repeater)
- A0 pond system has a clogged strainer.
- **Notes from Run Coordinator:**
  - Recovered most of beam to MiniBooNE after RF work.
  - Should have enough pbars for another good store.
  - Strainer work at tail end of this store.
  - Switched over to 4 sec spill, resonant extraction
- **Machine Summaries:**
  - **Linac**
    - Summary:
      - Access
        - ◆ Checked brushes H-
        - ◆ Installed NMR probe, didn't work in spect magnet.
        - ◆ Turn off phase feedback loop. 20KHz oscillation
      - TPR failure
      - 38ma
      - Losses a little high
    - Requests:
      - Hour access
  - **Booster**
    - Summary:
      - Access
        - ◆ 4 Pas replaced, station 19 repaired.
      - 83% at 8 turns. Will push intensity.
    - Requests:
      - Work on balancing circuit.
  - **Main Injector**
    - Summary:
      - Monday shot
      - Coal effc.
      - Alignment problem center is bunch 4 instead of 3.
      - Flying wire at 150GeV was big - need to adjust HV
      - QXR - slow second spill. Got ramps setup. But QXR is not

- working. QXR would stop at 0.9 seconds.
  - Found problem with I68. SQL error - when gets an SQL error, drops that device.
- Requests:
  - MI60S BPM house.
- **Pbar**
  - Summary:
    - Pbar Stacking Numbers
      - ◆ Best Stacking = 13.06mA/hr
      - ◆ Production = 13.75 e-6/proton
      - ◆ Beam on target = 5.85e12
    - RR Transfers 87% to 91%.
    - During Booster access - centered ST kicker tanks.
    - Horizontal orbit is different from last February. Was changed during startup studies.
    - Tests on Li Lens power supply.
  - Requests:
    -
- **Tevatron**
  - Summary:
    - D49 target did do its slipping. That's why losses a little high
    - HF22 - was likely the cause of the Sunday quench
    -
  - Requests:
    - Between stores - a couple hours of work.
- **Cryo**
  - Summary:
    - A0 - main strain to building.
    - Lost 3/4 of water flow to mycom compressors.
    - Caused suction pressure to go high
    - Were within a few minutes of quenching the tevatron
    - Vegetation growth
    - Clean screen.
    - Switch remaining A0 compressor.
    - 4-8 hours to clean the screen.
    - DA also running hot.
  - Requests:
    - WE F4 needs two hours of work.
- **Recycler**
  - Summary:
    - SDA hor pbar emittances seemed big
    - Acnet buffer is too short for number of flies that MI makes per store.
    - Changed trip limits on Pelletron - 34 degrees, acknowledge at 33.5 degrees. Trip limit was 32 degrees.
    - Tuned up 4 second \$21 ramp compensation.
  - Requests:
    -
- **SY120**
  - Summary:
    - Need to get extraction going.
  - Requests:
    -
- **MiniBooNE**
  - Summary:
    - Survived HVAC on N side of MI12 service building. Clogged with nats. Needs a second cleaning.
    - Installed circulator filters in SB.
    -

- - Requests:
      -
  - **NuMI**
    - Summary:
      - Yesterday installed crane electronics.
      - Given bench test experience, expect to run through the weekend.
    - Requests:
      - 
      -
  - **CDF**
    - Summary:
      - Running 83%
      - Data taking smooth until 7am.
      - Continuing DAQ inhibits. Bursts of spurious L1 triggers. Took silicon out to investigate
    - Requests:
      -
  - **D0**
    - Summary:
      - 85% - also had Mycomm problems - was able to reset.
      - FPD group started moving pots in, but A0 problem scared them away until next store.
      -
    - Requests:
      -
  - **FESS**
    - Summary:
      -
    - Requests:
      -
  - **Mechanical**
    - Summary:
      -
    - Requests:
      -
  - **Other**
    - Summary:
      -
    - Requests:
      -
- **The Plan**
  - Summary:
    - Kill store 1pm
    - 2 hours of Tevatron studies.
    - Noon, last set of Pbar transfers.
  - Requests:
    -